

PERMITTEE NAME/ADDRESS
(Include Facility Name/Location if different)

NAME US Department of Interior
Bureau of Reclamation
ADDRESS 826 East Front Street, Suite A
Port Angeles WA 98362-3613

FACILITY Elwha Water Treatment Plant
LOCATION Elwha River/ Lat: 48° 10' 10" N/Long: 123° 33' 7" W.

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)
DISCHARGE MONITORING REPORT (DMR)

(2-16)
WA-002666-2
PERMIT NUMBER

(17-19)
001
DISCHARGE NUMBER

Sedimentation Plant (non-wastewater)

Influent and effluent flows and other parameters are averaged for days that discharges occurred.



MONITORING PERIOD							
FROM	YEAR	MO	DAY	TO	YEAR	MO	DAY
	2012	01	01		2012	01	31
	(20-21)	(22-23)	(24-25)		(26-27)	(28-29)	(30-31)

PARAMETER (32-37)		(3 Card Only) QUANTITY OR LOADING			(4 Card Only) QUALITY OR CONCENTRATION				NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
		(46-53)	(54-61)	UNITS	(38-45)	(46-53)	(54-61)	UNITS			
		AVERAGE MONTHLY	MAXIMUM DAILY		MINIMUM	AVERAGE MONTHLY	MAXIMUM DAILY				
Flow	SAMPLE MEASUREMENT	48.6	71.8	CFS	*****	*****	*****		0	continuous	recording
Influent [0056 7 0 0]	PERMIT REQUIREMENT	Report	Report							Continuous	Recording
Flow	SAMPLE MEASUREMENT	1.1	2.3	CFS	*****	*****	*****		0	continuous	recording
Effluent [0056 1 0 0]	PERMIT REQUIREMENT	Report	Report							Continuous	Recording
Turbidity	SAMPLE MEASUREMENT	*****	*****		*****	154	292	NTU	0	continuous	recording
Influent [00070 7 0 0]	PERMIT REQUIREMENT					Report	Report			Continuous	Recording
pH	SAMPLE MEASUREMENT	*****	*****		*****	7.6	7.9	s.u.	0	daily	grab
Influent [00400 7 0 0]	PERMIT REQUIREMENT					6.5 – 8.5	8.5			5/ week	Grab
pH	SAMPLE MEASUREMENT	*****	*****		*****	7.6	8.0	s.u.	0	daily	grab
Effluent [00400 1 0 0]	PERMIT REQUIREMENT					6.5 – 8.5	8.5			5/ week	Grab
Temperature	SAMPLE MEASUREMENT	*****	*****		*****	3.7	5.2	°C	0	daily	grab
Influent [00010 7 0 0]	PERMIT REQUIREMENT					Report	Report			5/Week	Grab
Temperature	SAMPLE MEASUREMENT	*****	*****		*****	4.0	5.2		0	daily	grab
Effluent [00010 1 0 0]	PERMIT REQUIREMENT					Report	Report			5/Week	Grab

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER Michael S Greene, PE Project/Plant Manager, Veolia Water N. America Operating Services	I CERTIFY UNDER PENALTY OF LAW THAT THIS DOCUMENT AND ALL ATTACHMENTS WERE PREPARED UNDER MY DIRECTION OR SUPERVISION IN ACCORDANCE WITH A SYSTEM DESIGNED TO ASSURE THAT QUALIFIED PERSONNEL PROPERLY GATHER AND EVALUATE THE INFORMATION SUBMITTED. BASED ON MY INQUIRY OF THE PERSON OR PERSONS WHO MANAGE THE SYSTEM, OR THOSE PERSONS DIRECTLY RESPONSIBLE FOR GATHERING THE INFORMATION, THE INFORMATION SUBMITTED IS, TO THE BEST OF MY	TELEPHONE		DATE		
		360	417-1180	2012	2	09
TYPED OR PRINTED	KNOWLEDGE AND BELIEF, TRUE, ACCURATE, AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT FOR KNOWING VIOLATIONS.	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT		AREA CODE	NUMBER	YEAR MO DAY

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)

The automatic sampler failed on 12/25/2011 and the required effluent sample for TSS was not collected on that day. Monthly average and daily maximum were based on composite samples from 30 days.

Computer Reproduction EPA Form 3320-1

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2/15/12
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NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)
DISCHARGE MONITORING REPORT (DMR)

(2-16) WA-002666-2	(17-19) 001
PERMIT NUMBER	DISCHARGE NUMBER

MONITORING PERIOD							
FROM	YEAR	MO	DAY	TO	YEAR	MO	DAY
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	(20-31)	(22-23)	(24-25)		(26-27)	(28-29)	(30-31)

Sedimentation Plant (non-wastewater)



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		(46-53)	(54-61)	UNITS	(38-45)	(46-53)	(54-61)	UNITS			
		AVERAGE MONTHLY	MAXIMUM DAILY		MINIMUM	AVERAGE MONTHLY	MAXIMUM DAILY				
Fecal Coliform Influent [31625 7 0 0]	SAMPLE MEASUREMENT	*****	*****		*****	3	4	#/100 ml	0	10/Mo	grab
	PERMIT REQUIREMENT					Report	Report			10/Month	Grab
Fecal Coliform Effluent [31625 1 0 0]	SAMPLE MEASUREMENT	*****	*****		*****	23	27	#/100 ml	0	10/Mo	grab
	PERMIT REQUIREMENT					Report	Report			10/Month	Grab
Total Suspended Solids Influent Daily Average Influent Turbidity > 50 NTU	SAMPLE MEASUREMENT	52,465	110,945	Lb/Day	*****	201	421	mg/L	0		
	PERMIT REQUIREMENT	Report	See I.B.3 & I.B.4			Report	Report			Daily	24-Hr composite
Total Suspended Solids Effluent Daily Average Influent Turbidity > 50 NTU	SAMPLE MEASUREMENT	20,901	54,703	Lb/Day	*****	3,501	6,748	mg/L	0		
	PERMIT REQUIREMENT	Report	248,823			Report	Report			Daily	24-Hr composite
Total Suspended Solids Influent [00530 7 0 0] Daily Average Influent Turbidity < 50 NTU	SAMPLE MEASUREMENT	No readings<50	No readings<50	#/CFS River	*****	No readings<50	No readings<50	mg/L	0	Day of discharge	comp
	PERMIT REQUIREMENT	Report	22			Report	Report			Daily	24-Hr composite
Total Suspended Solids Effluent 00530 P 0 0 Daily Average Influent Turbidity ≤ 50 NTU	SAMPLE MEASUREMENT	No readings<50	No readings<50	#/CFS River	*****	No readings<50	No readings<50	mg/L	0	Day of discharge	comp
	PERMIT REQUIREMENT	Report	22			Report	Report			Daily	24-Hr composite
Settleable Solids Influent [00545 7 0 0]	SAMPLE MEASUREMENT	*****	*****		*****	≤ 1.0	≤ 1.0	ml/L	0	1/month	comp
	PERMIT REQUIREMENT					Report	Report			1/month	24-Hr composite

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		360	417-1180	2012	02	09
TYPED OR PRINTED		SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT		AREA CODE	NUMBER	YEAR MO DAY

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)
The automatic sampler failed on 12/25/2011 and the required effluent sample for TSS was not collected on that day. Monthly average and daily maximum were based on composite samples from 30 days.

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PARAMETER (32-37)		(3 Card Only) QUANTITY OR LOADING			(4 Card Only) QUALITY OR CONCENTRATION				OFFICE OF NO. 1 ANALYSIS FREQUENCY	EX (62-63)	OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
		(46-53)	(54-61)	UNITS	(38-45)	(46-53)	(54-61)	UNITS				
		AVERAGE MONTHLY	MAXIMUM DAILY		MINIMUM	AVERAGE MONTHLY	MAXIMUM DAILY					
Settleable Solids Effluent [00545 1 0 0]	SAMPLE MEASUREMENT	*****	*****		*****	23	23	ml/L	0	1/month	comp	
	PERMIT REQUIREMENT					Report	Report			1/month	24-Hr composite	
BOD ₅ Effluent [00310 1 0 0]	SAMPLE MEASUREMENT	*****	*****		*****	3.4	3.4	mg/L	0	1/month	comp	
	PERMIT REQUIREMENT					Report	Report			1/month	24-Hr composite	
Alkalinity Effluent [0410 1 0 0]	SAMPLE MEASUREMENT	*****	*****		*****	47	55	mg/L as CaCO ₃	0	daily	comp	
	PERMIT REQUIREMENT					Report	Report			1/month	24 hr com,p	
Total Dissolved Solids Influent [70295 7 0 0]	SAMPLE MEASUREMENT	*****	*****		*****	69	100	mg/L	0	4/month	comp	
	PERMIT REQUIREMENT					Report	Report			1/month	24-Hr composite	
Total Dissolved Solids Effluent [70295 1 0 0]	SAMPLE MEASUREMENT	*****	*****		*****	62	93	mg/L	0	4/month	comp	
	PERMIT REQUIREMENT					Report	Report			1/month	24-Hr composite	
Total Aluminum Influent [01105 7 0 0]	SAMPLE MEASUREMENT	772	772	lb/Day	*****	2.8	2.8	mg/L	0	1/month	comp	
	PERMIT REQUIREMENT	Report	Report			Report	Report			1/month	24-Hr composite	
Total Aluminum Effluent [01105 1 0 0]	SAMPLE MEASUREMENT	6	6	lb/Day	*****	1.1	1.1	mg/L	0	1/month	comp	
	PERMIT REQUIREMENT	Report	Report			Report	Report			1/month	24-Hr composite	

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Sedimentation Plant (non-wastewater)

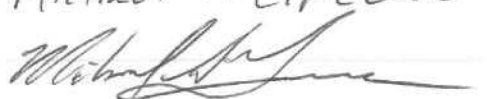


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		AVERAGE MONTHLY	MAXIMUM DAILY		MINIMUM	AVERAGE MONTHLY	MAXIMUM DAILY							
Dissolved Oxygen Influent [00300 7 0 0]	SAMPLE MEASUREMENT	*****	*****		*****	12.5	13.0		0	DAILY	grab			
	PERMIT REQUIREMENT					Report	Report	mg/L		1/Month	Grab			
	SAMPLE MEASUREMENT													
	PERMIT REQUIREMENT													
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								360	417-1180	2012	02	09		

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)

INFLUENT TURBIDITY ABOVE 50 NTU

Day	Influent Turbidity - 13	Flow, Daily, Influent	flow/daily, at outfall 3078	flow/daily at outfall cal	River Flow, 1	TSS Influent, 8	TSS Influent Mass_Calc	TSS Effluent 5002	TSS Effluent Mass_Calc	Mass Limit_cal c
	NTU	MGD	MGD	CFS	CFS	mg/L	Lbs/Day	mg/L	Lbs/Day	lbs/day
1/1/2012	245	30.6	0.66	1.02	1910	215	54,863	4158	22,887	223,046
1/2/2012	181	38.5	0.84	1.30	1700	192	61,649	3650	25,570	177,728
1/3/2012	176	23.3	0.51	0.79	2310	185	36,008	2674	11,374	231,630
1/4/2012	126	30.6	0.66	1.02	2300	270	68,914	5568	30,648	336,967
1/5/2012	267	30.6	0.67	1.04	4730	249	63,594	4702	26,274	637,519
1/6/2012	169	31.9	0.70	1.08	3240	326	86,630	1460	8,523	572,453
1/7/2012	179	29.1	0.63	0.97	3140	322	78,247	5369	28,210	547,835
1/8/2012	205	31.7	0.65	1.01	2260	209	55,192	4237	22,969	256,304
1/9/2012	169	36.5	0.70	1.08	2010	269	81,783	4099	23,930	293,692
1/10/2012	150	33.0	0.65	1.01	1710	168.5	46,434	2983	16,171	156,593
1/11/2012	117	46.4	0.67	1.04	1570	129	49,949	2350	13,131	110,155
1/12/2012	118	29.9	0.67	1.04	1460	144.8	36,066	3210	17,937	115,046
1/13/2012	106	32.3	0.66	1.02	1360	97.8	26,341	2540	13,981	72,414
1/14/2012	79	27.4	0.60	0.93	1280	117.7	26,927	2216	11,089	81,999
1/15/2012	86	32.4	0.71	1.10	1240	108	29,175	1972	11,677	73,017
1/16/2012	78	28.3	0.63	0.97	1110	88.27	20,862	1546	8,123	53,417
1/17/2012	66	30.6	0.65	1.01	1090	93.8	23,947	1778	9,639	55,767
1/18/2012	68	34.3	0.73	1.13	1060	113.7	32,509	1674	10,192	65,840
1/19/2012	60	29.3	0.61	0.94	994	59	14,411	1216	6,186	31,997
1/20/2012	92	31.06	0.68	1.05	970	67.2	17,407	1463	8,297	35,617
1/21/2012	129	27.71	0.68	1.05	2430	201.7	46,605	3065	17,382	265,923
1/22/2012	118	30.26	0.66	1.02	1790	152.3	38,440	2752	15,148	148,131
1/23/2012	133	30.65	0.67	1.04	1710	246.9	63,115	5298	29,604	229,498
1/24/2012	126	32.00	0.69	1.07	1430	195.9	52,283	3497	20,124	152,508
1/25/2012	271	28.41	0.63	0.97	3150	223.46	52,950	6748	35,455	381,391
1/26/2012	217	29.81	0.66	1.02	2610	221.6	55,097	5176	28,491	313,658
1/27/2012	149	32.15	0.71	1.10	2000	337.33	90,446	5550	32,864	366,503
1/28/2012	203	31.00	0.68	1.05	1680	241.3	62,388	4357	24,709	220,405
1/29/2012	194	31.60	0.70	1.08	2850	421	110,945	2742	16,008	650,609
1/30/2012	292	28.89	0.93	1.44	3080	322	77,589	6013	46,638	538,284
1/31/2012	209	32.53	1.47		2430	242	65,655	4462	54,703	317,552
DAILY MAX	292	46.43	1.47	1.44	4,730	421.0	110,945	6,748	54,703	650,609
AVERAGE	154	31.38	0.70	1.05	2,019	201.0	52,465	3,501	20,901	248,823

Michael S. Greene 2/9/2012




February 9, 2012



US EPA Region 10
Director, Office of Compliance & Enforcement
1200 Sixth Avenue, OCE-133
Seattle, Washington 98101

**RE: NPDES # WA-002666-2, MONTHLY REPORT – JANUARY, 2012 -
ELWHA WATER TREATMENT PLANT**

Attn: PCS Data Entry Team

Enclosed is the monthly Discharge Monitoring Report (DMR) for the Elwha Water Treatment Plant (Port Angeles, WA) for the month of January, 2012. Also enclosed is the annual Water Quality Report for 2011. The reports are being submitted by Veolia Water North America (VWNA) Operating Services on behalf of the US Department of Interior, Bureau of Reclamation. Signed originals of the DMR have been submitted to Region 10 EPA. A copy has been submitted to the Washington DOE.

Please contact me if there are any questions or comments regarding the enclosed Forms and report.

Sincerely,

A handwritten signature in black ink, appearing to read 'Michael S. Greene'.

Michael S Greene
District Manager

CC: Richard Bauman, BOR
Tracy Gilchrist, NPS
Jeff Bohman, NPS

Enclosures:

1. DMR, January, 2012; EPA Form 3320-1 (4 pages)
2. Table of values & mass limits for turbidity over 50 NTU
3. Annual water Quality Report, 2011